

**What is claimed is:**

1. An optoelectronic sensing device for detecting first and second contrast marks arranged next to each other along first and second reading tracks moving in a transport direction comprising first and second substantially identical optical heads for placement above the reading tracks, each head including a lighting source and a lens for imaging the contrast marks on an associated light receiver which generates an output signal having information obtained from the contrast marks, and a connector joining the first and second optical heads so that the lenses are arranged asymmetrically in the respective optical heads and in immediate proximity to each other for providing a smallest possible, adjustable spacing between the lenses.
2. An optoelectronic sensing device according to claim 1, including an arrangement establishing communication between the first and second optical heads.
3. An optoelectronic sensing device according to claim 3, wherein the arrangement establishing communication comprises electrical contact surfaces.
4. An optoelectronic sensing device according to claim 3, wherein the arrangement establishing the communication comprises one of an optical, inductive and magnetic data transmission.
5. An optoelectronic sensing device according to claim 1, wherein the connector comprises at least one assembly rod and wherein the first and second optical heads have at least two complementary boreholes for receiving the assembly rod.
6. An optoelectronic sensing device according to claim 1, wherein each optical head includes a housing with a side facing the reading tracks, the sides being configured to substantially prevent the formation of air turbulence as the reading tracks move relative to the optical heads.
7. An optoelectronic sensing device according to claim 1, including a hard closure disk arranged in the housing and protecting the lenses of the optical heads against harmful mechanical effects.
8. An optoelectronic sensing device according to claim 1, including a web which carries the contrast markings.